

FORM PTO-1449  
(Rev. 2-32)

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

Serial No.

02-479-E

10/766,403

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant:

Belardinelli

Filing Date:

1/27/04

Group:  
Art Unit 1623  
-3737-

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
A1	4,956,345	9/11/90	Miyasaka et al	—	—	
A2	4,968,697	11/6/90	Hutchison	—	—	
A3	5,070,877	12/10/91	Mohiuddin et al	—	—	
A4	5,189,027	2/23/93	Miyashita et al.	—	—	
A5	5,270,304	12/14/93	Kogi et al	—	—	
A6	5,459,254	10/17/95	Yamaguchi et al.	—	—	
A7	5,593,975	1/14/97	Cristalli	—	—	
A8	5,705,491	1/6/98	Yamada	—	—	
A9	5,770,716	6/23/98	Khan et al.	—	—	
A10	5,939,543	8/17/99	Morozumi et al.	—	—	
A11	6,026,317	2/15/00	Verani	—	—	
A12	6,214,807	4/10/01	Zablocki et al.	—	—	
A13	6,403,567	6/11/02	Zablocki	—	—	
A14	US2004/0127533	7/1/04	Hart et al.	—	—	

EXAMINER L. E. Crane

DATE CONSIDERED

05/21/2006

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MCDONNELL BOEHNEN  
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10/766,403 - PTO-1449 #1

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FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
B1	WO 93/25677	12/13/93	PCT	_____	_____		
B2	WO 00/78779	12/28/00	PCT	_____	_____		
B3	WO 00/78778	12/28/00	PCT	_____	_____		
B4	WO 01/62979	8/30/01	PCT	_____	_____		
B5	WO 04/011010	2/5/04	PCT	_____	_____		
B6	EP 0354 638	2/14/90	EP	_____	_____		
B7	965,411	4/1/75	CA	_____	_____		
B8	Hei 5[1993]-9197	1/19/93	JP	_____	_____		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

C1	Iskandrian, A, "Adenosine Myocardial Perfusion Imaging", <i>The Journal of Nuclear Medicine</i> , vol. 35, pp. 734-736 (1994).
C2	Gao, et al., "Novel Short-Acting A2A Adenosine Receptor Agonists for Coronary Vasodilation: Inverse Relationship between Affinity and Duration of Action of A2A Agonists", <i>Journal of Pharmacology and Experimental Therapeutics</i> , vol. 298, pp. 209-218 (2001).
C3	Marumoto, et al., "Synthesis and Coronary Vasodilating Activity of 2-Substituted Adenosines", <i>Chem.. Pharm. Bull.</i> 23(4): 759-774 (1975).

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

€4	Marumoto, et al., "Synthesis and Enzymatic Activity of Adenosine 3',5'-Cyclic Phosphate Analogs", <i>Chem.. Pharm. Bull.</i> 27(4) 990-1003 (1979).
C5	Persson, et al., "Synthesis and Antiviral Effects of 2-Heteroaryl Substituted Adenosine and 8-Heteroaryl Substituted Guanosine Derivatives", <i>Bioorganic &amp; Medicinal Chemistry</i> , 3:1377-1382 (1995).
C6	Mager, et al., "Molecular simulation applied to 2-(N'alkylidenehydrazino)- and 2-(N'-aralkylidenehydrazino) adenosine A <sub>2</sub> Agnonists", <i>Eur J. Med. Chem.</i> , 30:15-25 (1995).
C7	Cristalli et al., "2-Alkynyl Derivatives of Adenosine 5'-N'ethyluronamide: Selective A <sub>2</sub> Adenosine Receptor Agonists with Potent Inhibitory Activity on Platelet Aggregation", <i>J. Med. Chem.</i> , 37:1720-1726 (1994).
C8	Matsuda, et al., "Nucleosides and Nucleotides. 103. 2-Alkynyladenoines: A Novel Class of Selective Adenosine A <sub>2</sub> Receptor Agonists with Potent Antihypertensive Effects", <i>J. Med. Chem.</i> 35:241-252 (1992).
C9	Xu, et al. "Coronary Vasodilation by a Short Acting, Low Affinity A2A Adenosine Receptor Agonist in Anesthetized Closed Chest Dogs: A Second Generation of Coronary Artery Pharmacologic Stressor", <i>Circulation</i> , vol. 102, no. 18, pp. 3912 (2000).

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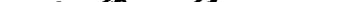
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<p>Substitute for form 1449B/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary)</i></p>		<i>Complete if Known</i>	
		Application Number	10/766,403
		Filing Date	1/27/2004
		First Named Inventor	Belardinelli
		Art Unit	3737 - 1623
		Examiner Name	Not Assigned
Sheet	1	of	1
		Attorney Docket Number	

## NON PATENT LITERATURE DOCUMENTS

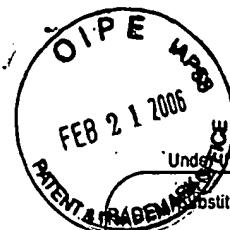
Examiner Signature	L. E. Crane 	Date Considered	05/21/2006
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known	
Application Number	10/766,403
Filing Date	January 27, 2004
First Named Inventor	Belardinelli
Art Unit	3737 - 1623
Examiner Name	Not Assigned
Attorney Docket Number	02-479-E

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A15	us-6,642,210	11-4-03	Zablocki et al.	
	A16	us-6,855,818	2-15-05	Zablocki et al.	
	A17	us-6,770,634	8-3-04	Zablocki et al.	
	A18	us-2002/0012946	1-31-02	Zablocki et al.	
	A19	us-2004/0038928	2-26-04	Zablocki et al.	
	A20	us-2004/0198692	10-7-04	Zablocki et al.	
	A21	us-2005/0175535	8-11-05	Belardinelli	
		US-			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)				

Examiner Signature	L. E. Crane	Date Considered	05/21/2006
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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

Sheet 2

of 2

**Complete if Known**

**Application Number** 10/766 403

**Filing Date** January 27, 2004

**First Named Inventor**

Art Unit 2737 1623

Examiner Name Not Assigned

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>JK</i>	C13	Glover et al., "Pharmacological Stress Thallium Scintigraphy with 2-Cyclohexylmethylidenehydrazinoadenosine", Circulation, pp. 1726-1732 (1996), V. 94.	

Examiner  
Signature

L. E. Crane

Date  
Considered

05/21/2006

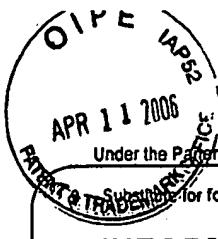
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**Complete if Known**

Application Number	10/766,403
Filing Date	January 27, 2004
First Named Inventor	Belardinelli
Art Unit	3737 1623
Examiner Name	Not Assigned
Attorney Docket Number	02-479-E

## U. S. PATENT DOCUMENTS

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		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)				
JK	B9	WO 98/57651	12-12-98	Martin et al.		
JK	B10	WO 98/52611	11-26-98	Ozaki et al.		X
JK	B11	JP S48-26038	8-3-73	Honjoki		X

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